DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter **Report No:** WIR-020157 Address: 333 Burma Road **Date Inspected:** 06-Feb-2011

City: Oakland, CA 94607

OSM Arrival Time: 1900 **Project Name:** SAS Superstructure **OSM Departure Time:** 700 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes NA No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A Yes N/A **Electrode to specification:** No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No N/A **Delayed / Cancelled:**

Bridge No: 34-0006 **Component:** OBG

Summary of Items Observed:

On this date CALTRANS OSM Quality Assurance (QA) Inspector, Mr. Paul Dawson, arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai China, for the purpose of monitoring welding and fabrication.

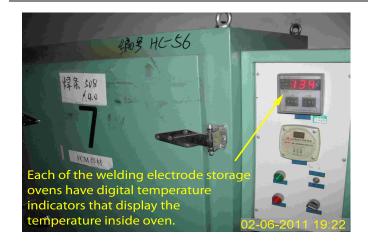
OBG Bay 14

During a random observations of Orthotropic Bridge Girder (OBG) segments 13E and 14E in bay 14 this QA Inspector observed no ZPMC workers or Quality Control personnel were observed in bay 14 and the overhead lights were turned off in bay 14 while this QA Inspector was present.

This QA Inspector performed random visual inspections of the welding electrode storage facility that is located near the front of bay 13. This QA Inspector observed the electrode storage ovens at this location appeared to be energized and the thermostats were cycling on and off the heaters to maintain the temperatures of the electrodes that were stored inside the ovens. See the photographs below for additional information.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)





Summary of Conversations:

See Above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact James Devey +8615000026784, who represents the Office of Structural Materials for your project.

| Inspected By: | Dawson,Paul | Quality Assurance Inspector |
|---------------|-------------|-----------------------------|
| Reviewed By: | Riley,Ken | QA Reviewer |